

LISTING OF CLAIMS

1. (currently amended) An illuminated glass deck light panel, comprising:

(a) a plurality of load-bearing glass pavers, structural plank glass elements, or other structural lenses of like type, said plurality of load-bearing glass pavers, structural plank glass elements, or other structural lenses of like type being horizontally disposed;

(b) a longitudinally extending support pan for embedding in a supporting substrate;

(c) said plurality of load-bearing glass pavers, structural plank glass elements, or other structural lenses of like type resting on ledges formed in said support pan;

(d) a sealing material disposed between said load-bearing glass pavers, structural plank glass elements, or other structural lenses of like type and said support pan;

(e) a plurality of illumination sources disposed in said support pan underneath said plurality of load-bearing glass pavers, structural plank glass elements, or other structural lenses of like type, said plurality of illumination sources directing light upwardly through said plurality of load-bearing glass pavers, structural plank glass elements, or other structural lenses of like type;
and

(f) said plurality of illumination sources being at all times illuminated whenever one of said plurality of illumination sources is illuminated.

2. (currently amended) [[An]] The illuminated glass deck light panel, as defined in Claim 1, wherein: interior of said support pan defined between inner surfaces of said support pan and inner surfaces of said plurality of load-bearing glass pavers, structural plank glass elements or other structural lenses of like type is permanently sealed.

3. (currently amended) [[An]] The illuminated glass deck light panel, as defined in Claim 1, a support frame disposed between and sealed to said plurality of load-bearing glass pavers, structural plank glass elements, or other structural lenses of like type and said support pan.

4. (currently amended) [[An]] The illuminated glass deck light panel, as defined in Claim 1, wherein: said illuminated glass deck light panel is continuous and non-linear.

5. (currently amended) [[An]] The illuminated glass deck light panel, as defined in Claim 1, wherein: said illuminated glass deck light panel is non-continuous and non-linear.

6. (currently amended) [[An]] The illuminated glass deck light panel, as defined in Claim 1, wherein: said [[illuminated glass deck light panel has]] support pan is arcuate [[elements]].

7. (currently amended) [[An]] The illuminated glass deck light panel, as defined in Claim 1, wherein: a reflective surface is disposed at a bottom of said support pan.

8. (currently amended) [[An]] The illuminated glass deck light panel, as defined in Claim 1, wherein: a bottom surface of said load-bearing glass pavers, structural plank glass elements, or other structural lenses of like type is sandblasted or is formed of prismatic glass.

9. (currently amended) [[An]] The illuminated glass deck light panel, as defined in Claim 1, further comprising: a second plurality of load-bearing glass pavers, structural plank glass elements, or other structural lenses is disposed on top of said plurality of load-bearing glass pavers, structural plank glass elements, or other structural lenses.

10. (currently amended) [[An]] The illuminated glass deck light panel, as defined in Claim 9, further comprising: a suitable laminate disposed between said plurality and said second plurality.

11. (currently amended) [[An]] The illuminated glass deck light panel, as defined in Claim 1, wherein: sides of said support pan are sloped such that said support pan is wider at a top thereof than at a bottom thereof.

12. (currently amended) [[An]] The illuminated glass deck light panel, as defined in Claim 11, wherein: one or both sides of said support pan have a reflective material disposed thereon.

13. (currently amended) A method of installing an illuminated glass deck light panel, comprising:

(a) embedding a longitudinally extending support pan in a supporting substrate;

(b) placing a plurality of illumination sources in a bottom of said support pan, said plurality of illumination sources being at all times illuminated whenever one of said illumination sources is illuminated, said plurality of illumination sources directing light upward through a plurality of load-bearing glass pavers, structural plank glass elements, or other structural lenses of like type;

(c) placing a sealing material on ledges formed on said support pan; and

(d) placing [[a]] said plurality of load-bearing glass pavers, structural plank glass elements, or other structural lenses of like type on said ledges, said plurality of load-bearing glass pavers, structural plank glass elements, or other structural lenses of like type being horizontally disposed.

14. (currently amended) [[A]] The method of installing an illuminated glass deck light panel, as defined in Claim 13, further comprising: forming a permanently sealed chamber defined between inner surfaces of said support pan and inner surfaces of said plurality of load-bearing glass pavers, structural plank glass elements, or other structural lenses of like type.

15. (currently amended) [[An]] The method of installing an illuminated glass deck light panel, as defined in Claim 13, further comprising: placing a support frame between and sealing to said plurality of load-bearing glass pavers, structural plank glass elements, or other structural lenses of like type and said support pan.

16. (currently amended) [[An]] The method of installing an illuminated glass deck light panel, as defined in Claim 13, further comprising: prior to step (b) or step (c), installing temporary infill blocks in said support pan to provide a smooth surface for other construction activities; and removing said infill blocks before step (d).

17. (currently amended) [[An]] The method of installing an illuminated glass deck light panel, as defined in Claim 16, wherein: said infill blocks are [[Styrofoam]] styrofoam blocks.

18. (currently amended) An illuminated glass deck light panel, comprising:

- (a) a plurality of load-bearing glass pavers, structural plank glass elements, or other structural lenses;
- (b) a longitudinally extending support pan for embedding in a supporting substrate;
- (c) said plurality of load-bearing glass pavers, structural plank glass elements, or other structural lenses of like type resting on ledges formed in said support pan;
- (d) a sealing material disposed between said glass pavers, structural plank glass elements, or other structural lenses and said support pan; and
- (e) a reflective material disposed in support pan underneath said plurality of load-bearing glass pavers, arranged so as to reflect light from a light source disposed above said plurality of load-bearing glass pavers, structural plank glass elements, or other structural lenses to give the appearance that said plurality of load-bearing glass pavers, structural plank glass elements, or other structural lenses are illuminated from below.

19. (currently amended) ~~[[An]]~~ The illuminated glass deck light panel, as defined in Claim 18, wherein: a bottom surface of said load-bearing glass pavers, structural plank glass elements, or other structural lenses of like type is sandblasted or is formed of prismatic glass.

20. (currently amended) An illuminated glass deck light panel, comprising:

- (a) a plurality of load-bearing glass pavers, structural plank glass elements, or other structural lenses of like type;
- (b) a longitudinally extending support pan for embedding in a supporting substrate;
- (c) said plurality of load-bearing glass pavers, structural plank glass elements, or other structural lenses of like type resting on ledges formed in said support pan;
- (d) a sealing material disposed between said load-bearing glass pavers, structural plank glass elements, or other structural lenses of like type and said support pan;
- (e) a plurality of illumination sources disposed in said support pan underneath said plurality of load-bearing glass pavers, structural plank glass elements, or other structural lenses of like type; and
- (f) said plurality of illumination sources being selected from the group consisting of: pulsed illumination sources~~[[, blinking illumination sources,]]~~ and progressive illumination sources to direct persons in a certain direction.